Comvocer to the contract

Preliminary Classification:

Proposed Class: 424

130.1 and 184.1

"All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand comer of the letter of transmittal accompanying the application

papers, for example 'Proposed Class 2, subclass 129.' " M.P.E.P. § 601, 7th ed.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Linda S. Mansfield, Mary G. Rossano, Alice J. Murphy Inventor(s):

and Ruth A. Vrable

WARNING: 37 C.F.R. § 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

"(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(i) is filed supplying or changing the name or names of the inventor or inventors."

For (title):

VACCINE TO CONTROL EQUINE PROTOZOAL MYELOENCEPHALITIS

IN HORSES

CERTIFICATION UNDER 37 C.F.R. § 1.10*

(Express Mail label number is mandatory.) (Express Mail certification is optional.)

I hereby certify that this New Application Transmittal and the documents referred to as attached therein are being deposited with the United States Postal Service on this date September 26 2000, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number EK796378440US dressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

> Tammi L. Taylor

(type or print name of person mailing paper)

Signature of person mailing paper

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. § 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

*WARNING: Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(New Application Transmittal [4-1]-page 1 of 11)

1. Type of Application

This new application is for a(n)

(check one applicable item below)

□ Original (nonprovisional)
□ Design
□ Plant

WARNING: Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. § 371(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application.

WARNING: Do not use this transmittal for the filing of a provisional application.

NOTE: If one of the following 3 items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN PARENT APPLICATION OF THE FILING OF THIS CONTINUATION APPLICATION.

Divisional.Continuation.Continuation-in-part (C-I-P).

2. Benefit of Prior U.S. Application(s) (35 U.S.C. §§ 119(e), 120, or 121)

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. § 112. Each prior application must also be:

- (i) An international application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America; or
 - (ii) Complete as set forth in § 1.51(b); or
- (iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set forth in § 1.16; or

(iv) Entitled to a filing date as set forth in § 1.53(b) and have paid therein the processing and retention fee set forth in § 1.21(l) within the time period set forth in § 1.53(f).

37 C.F.R. § 1.78(a)(1).

NOTE: If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. §§ 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. §§ 120, 121 or 365(c). (35 U.S.C. § 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. §§ 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

(New Application Transmittal [4-1]—page 2 of 11)

WARNING: When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(a)(3).

The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

Papers Enclosed

A. F	Requ Desi	ired for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 gn) Application
44	. Pag	ges of specification
10	. Pag	ges of claims
0	. She	eets of drawing
		DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. § 1.84, see Notice of March 9, 1988 (1990 O.G. 57-62).
NOTE:	inve the on t	ntifying indicia, if provided, should include the application number or the title of the invention, ntor's name, docket number (if any), and the name and telephone number of a person to call if Office is unable to match the drawings to the proper application. This information should be placed he back of each sheet of drawing a minimum distance of 1.5 cm. (5/8 inch) down from the top me page" 37 C.F.R. § 1.84(c)).
		(complete the following, if applicable)
	"	the enclosed drawing(s) are photograph(s), and there is also attached a PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. 1.84(b).
] fo	ormal
] ir	nformal
B. C	Other	Papers Enclosed
8	Pag	es of declaration and power of attorney
1	Pag	es of abstract
	Oth	er
Add	litior	nal papers enclosed
X	A	mendment to claims
	2	Cancel in this applications claims <u>4-20 & 23-50</u> before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
		Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)
] P	reliminary Amendment
X] Ir	formation Disclosure Statement (37 C.F.R. § 1.98)
X) F	orm PTO-1449 (PTO/SB/08A and 08B)
X		itations
		(New Application Transmittal [4-1]—page 3 of 11)

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				tion is made of <i>all</i> the abo				der 37 C.F	F.R. § 1.4	41(c) on	

(The declaration or oath, along with the surcharge required by 37 C.F.R. § 1.16(e) can be filled subsequently). Showing that the filling is authorized. (not required unless called into question. 37 C.F.R. § 1.41(d)) 6. Inv ntorship Statem nt WARNING: If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted. The inventorship for all the claims in this application are: Or Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made, is submitted. will be submitted. NOTE: An application including a signed oath or declaration may be filed in a language other than English. An English translation of the non-English language application and the processing fee of \$130.00 required by 37 C.F.R. § 1.17(e). English Non-English is required to be filed with the application, or within such time as may be set by the Office. 37 C.F.R. § 1.52(d). English Non-English The attached translation includes a statement that the translation is accurate. 37 C.F.R. § 1.52(d). Assignment Board of Trustees operating An assignment of the invention to Michigan State University, 301 Administration Bldg., MSU, East Lansing, MI 48824 was recorded in the MENNI ACCOMPANYING NEW PATENT APPLICATION* or □ FORM PTO 1595 is also attached. will follow. NOTE: "If an assignment is submitted with a new application, send two separate letters-one for the application and one for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78). WARNING: A newly executed "CERTIFICATE UNDER 37 C.F.R. § 3.73(b)" must be filed when a continuation in part application is filed by an assignment. Notice of May 4, 1990 (1114 O.G. 77-78).		
(not required unless called into question. 37 C.F.R. § 1.41(d)) 6. Inv ntorship Statem nt WARNING: If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted. The inventorship for all the claims in this application are: The same. Or Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made, is submitted. will be submitted. NOTE: An application including a signed oath or declaration may be filed in a language other than English. An English translation of the non-English language application and the processing fee of \$130.00 required by 37 C.F.R. § 1.752(d). English Non-English Non-English The attached translation includes a statement that the translation is accurate. 37 C.F.R. § 1.52(d). An assignment Board of Trustees operating An assignment of the invention to Michigan State University, 301 Administration Bldg., MSU, East Lansing, MI 48824 was recorded in the parent 1595 is also attached. MSU, East Lansing, MI 48824 was recorded in the parent 1595 is also attached. MSU, East Lansing, MI 48824 was recorded in the parent 1595 is also attached. MSU, East Lansing, MI 48824 was recorded in the parent 1595 is also attached. MSU, East Lansing, MI 48824 was recorded in the parent 1595 is also attached. MSU, East Lansing, MI 48824 was recorded in the parent 1595 is also attached. MSU, East Lansing, MI 48824 was recorded in the parent 1595 is also attached. MSU, East Lansing, MI 48824 was recorded in the parent 1595 is also attached. MSU, East Lansing, MI 48824 was recorded in the parent 1595 is also attached. MSU, East Lansing, MI 48824 was recorded in the parent 1595 is also attached.		
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, , , , , , , , , , , , , , , , , , , ,	WARNING: A newly executed "CERTIFICATE UNDER 37 C.F.R. § 3.73(b)" must be filed when a continuation-in-part application is filed by an assignee. Notice of April 30, 1993, 1150 O.G. 62-64.	

(New Application Transmittal [4-1]—page 5 of 11)

9. C rtified C py Certified copy(ies) of appli	cation(s)			
Country	Ap	pln. No.		Filed
Country	Ap	pin. No.		Filed
Country	Ap	pln. No.		Filed
from which priority is claime	ed			
☐ is (are) attached.				
☐ will follow.				
NOTE: The foreign application of declaration. 37 C.F.R. §		r the claim for	priority must l	se referred to in the oath or
U.S. application or Interr § 120 is itself entitled to PAGES FOR NEW APPL CLAIMED.	national Application in priority from a prior ICATION TRANSMI	from which this foreign applica	s application cla ation, then com	directly relates. If any parent aims benefit under 35 U.S.C. plete item 18 on the ADDED PRIOR U.S. APPLICATION(S)
10. Fee Calculation (37 C	C.F.R. § 1.16)			
A. X Regular applicati	on			
	CLAIMS	AS FILED		
Number filed	Number	Extra	Rate	Basic Fee 37 C.F.R. § 1.16(a) \$690.00
Total Claims (37 C.F.R. § 1.16(c)) 5	- 20 = - 0 -	- ×	\$ 18.00	-0-
Independent				
Claims (37 C.F.R.				
§ 1.16(b)) 2	-3 = -0	- ×	\$ 78.00	-0-
Multiple dependent claim(s) if any (37 C.F.R. § 1.16(d)		+	\$260.00	-0-
☐ Amendment can ☐ Amendment dele ☐ Fee for extra claim prior to the expiration of notice of fee deficiency	eting multiple-de ims is not being s are not paid on filin if the time period se	pendencies paid at the goung they must be to for response	is enclosed is time. In paid or the clai	ims cancelled by amendment, and Trademark Office in any
	Filing Fee Ca	Iculation		\$ 690.00
B. Design application (\$310.00—37 C.				

Filing Fee Calculation

(New Application Transmittal [4-1]—page 6 of 11)

C.		Plant applicat (\$480.00—37		R. § 1.16((a))		
		,,		_	calculation		\$
11.	Sma	II Entity State	ment				•
		Statement(s) t is (are) attach		his is a fili	ng by a small	entity under 37	C.F.R. § 1.9 and 1.27
WA	RNING	the status is averaged affect any other indirectly depermenting of an apparamental and a continued properties. A managed and a continued properties and application. A managed application or interference to the statement in the desired. The paged affect and the accordance and the	ailable ar application ation ation or application o	and desired lication or p upon the app on under § 1 ion application as to continu evisional application, or a patent if the repplication of the small	I. Status as a smatent, including plication or patent I.53 as a continua on under § 1.53(c) and entitlement to lication claiming I reissue application or in the patent	all entity in one ap applications or pa in which the statu- tion, division, or co ()), or the filing of a small entity status benefit under 35 U ion may rely on a oplication or the re on or in the paten and status as a si tory filing fee will be	oplication or patent in which oplication or patent does not atents which are directly or atents which are directly or as has been established. The continuation-in-part (including a reissue application requires for the continuing or reissue J.S.C. § 119(e), 120, 121, or a statement filed in the prior essue application includes a at or includes a copy of the mall entity is still proper and a treated as such a reference
WA	RNING		ally m	ake the requ			ns signing the statement 509.03, 6th ed., rev. 2, July
			(cor	mplete the	following, if	applicable)	
		Status as a si	mall	entity was	claimed in p	rior application	า
							, from which benefit
		is being claim			olication unde	r:	
		35 U.S.C. §		120, 121,			
				365(c),			
		and which st	tatus	as a sma	ıll entity is sti	Il proper and o	desired.
•		☐ A copy of	of the	e stateme	nt in the prior	application is	included.
		Filing Fee	Calc	culation. (5	0% of A, B o	r C above)	
				\$			
NO	ar	ny excess of the ful e filed within 2 me tendable under §	onths	of the date	of timely payme	ntitiy status is esta nt of a full fee. Ti	blished and a refund request he two-month period <u>-i</u> s not
12.	Requ	est for Interna	ation	al-Type S	Search (37 C.	F.R. § 1.104(c	i))
		•		(compl	ete, if applica	ble)	
		Please prepare when national					application at the time

(New Application Transmittal [4-1]-page 7 of 11)

13. F	Payr	n nt Being Mad at This Tim		
] Not	Enclosed		
		No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. subsequently.)	§ 1.16(e) can be	paid
(2)	I End	elosed		
	X	Filing fee	\$ <u>690.</u>	00
		Recording assignment (\$40.00; 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION".)	\$	
		Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. §§ 1.47 and 1.17(i))	\$	
		For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. §§ 1.52(d) and 1.17(k))	\$	
		Processing and retention fee (\$130.00; 37 C.F.R. §§ 1.53(d) and 1.21(l))	\$	
		Fee for international-type search report (\$40.00; 37 C.F.R. § 1.21(e))	\$	
NOTE:	failing t 37 C.F. either t	R. § 1.21(I) establishes a fee for processing and retaining any ap o complete the application pursuant to 37 C.F.R. § 1.53(f) and R. §§ 1.53 and 1.78(a)(1), indicate that in order to obtain the best he basic filing fee must be paid, or the processing and retention 1 year from notification under § 53(f).	this, as well as the char nefit of a prior U.S. appli	nges to ication,
		Total fees enclosed	\$ 690.00	
14. M		of Payment of Fees	·	
0	🗓 Che	eck in the amount of \$ 690.00	-	
	\$	arge Account No.	_ in the amour	nt of
NOTE:		uplicate of this transmittal is attached.	on the foot on poid 27	CER
NOTE:	6 1.22	nould be itemized in such a manner that it is clear for which purpo (b).	ise une nees are paid. 37	U.F.M.

15. Auth rization to Charg Additi nal Fees

WARNING: If no fees are to be paid on filing, the following items should not be completed.

WARNING: Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.

- The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 13-0610 _____:
 - 37 C.F.R. § 1.16(a), (f) or (g) (filing fees)
 - 37 C.F.R. § 1.16(b), (c) and (d) (presentation of extra claims)
- NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. § 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.
 - 37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
 - 37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a)).
 - ☑ 37 C.F.R. § 1.17 (application processing fees)
- NOTE: ". . . A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. § 1.136(a)(3).
 - ☐ 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b))
- NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. 37 C.F.R. § 1.311(b).
- NOTE: 37 C.F.R. § 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying, . . . the issue fee. . . " From the wording of 37 C.F.R. § 1.28(b), (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

(New Application Transmittal [4-1]—page 9 of 11)

16. Instructi ns as to Ov rpaym	u.	11134444	112	as	w	UV	<i>i</i> payiii	
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NOTE:	" Amounts of twenty-five dollars or less will not be returned unless specifically requested within
	a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may
	be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. § 1.26(a).

KΠ	Credit Account No	13-0610	
k.z	Crean Account No	13 0010	

□ Refund

Tel. No. (517) 347-4100

Customer No. 21036

Reg. No. 20,931

SIGNATURE OF PRACTITIONER

Ian C. McLeod (type or print name of attorney)

2190 Commons Parkway

P.O. Address

Okemos, Michigan 48864

(New Application Transmittal [4-1]—page 10 of 11)

X	Incor	p rati n by ref rence fadded pag s
	pr st th	heck the following item if the application in this transmittal claims the benefit o fior U.S. application(s) (including an International application entering the U.S age as a continuation, divisional or C-I-P application) and complete and attach e ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF RIOR U.S. APPLICATION(S) CLAIMED)
	K	Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S Application(s) Claimed
		Number of pages added5
		Plus Added Pages for Papers Referred to in Item 4 Above
		Number of pages added
		Plus added pages deleting names of inventor(s) named in prior application(s who is/are no longer inventor(s) of the subject matter claimed in this application
		Number of pages added
		Plus "Assignment Cover Letter Accompanying New Application"
		Number of pages added
	State	ment Where No Further Pages Added
		no further pages form a part of this Transmittal, then end this Transmittal with is page and check the following item)
		This transmittal ends with this page.

(New Application Transmittal [4-1]—page 11 of 11)

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APPLICATION NO(S).:

Pra ti	tioner's Doc	ket No	MSU		PATENT
ADDI				ANSMITTAL WHI ION(S) CLAIMED	ERE BENEFIT OF
NOTE:	See 37 C.F.R. §	1.78.			
17. R	elate Back				
WARNI	§§ 120, 12 the earliest or 365(c). (c term, any a a c-i-p app supported to to the earlie	1 or 365(c), the 2 U.S. application 35 U.S.C. § 154(pplication on whi blication, applica by an earlier applica or filed applicatio	20-year term of ti that the applicati (a)(2) does not ta- ich priority is clai- int should review cation and, if not, i n. The term of a	hat application will be be on makes reference to u ke into account, for the med under 35 U.S.C. §§ whether any claim in the the applicant should cons	application under 35 U.S.C. ased upon the filing date of noder 35 U.S.C. §§ 120, 121 determination of the paterns 119, 365(a) or 365(b).) For the patent that will issue is sider canceling the reference a claim-by-claim approach.
		(complete	e the following	g, if applicable)	
52	Amend the	specification	by inserting, t	efore the first line, t	he following sentence:
A. 35	U.S.C. § 119(e)			
NOTE:	applications mus the title a referen	t contain or be a ce to each such	mended to conta prior provisional (in in the first sentence of application, identifying it	filed copending provisional of the specification following as a provisional application, and serial number)." 37 C.F.R.

This application claims the benefit of U.S. Provisional Application(s) No(s).:

(Added Pages for Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed [4-1.1]—page 1 of 5)

FILING DATE

B.	35	U.S.C.	§§	120,	121	and	365	(C)	į
----	----	--------	----	------	-----	-----	-----	-----	---

	33 120, 121 212 200(0)		
NOTE:	"Except for a continued prosecution application filed under § 1. claiming the benefit of one or more prior filed copending nonproapplications designating the United States of America must contifirst sentence of the specification following the title a reference to e it by application number (consisting of the series code and serial number and international filing date and indicating the relations references to other related applications may be made when app § 1.78(a)(2).	ovisional applications or international ain or be amended to contain in the ach such prior application, identifying number) or international application hip of the applications Cross-	
[2	This application is a		
	☐ continuation		
	☐ continuation-in-part		
	☑ divisional		
c	of copending application(s)		
E	application number 09 / 513 , 086	filed on 02/24/00 "	
	International Application	filed on	
	and which designat	ed the U.S."	
NOTE:	The proper reference to a prior filed PCT application that entered serial number and the filing date of the PCT application that des		
NOTE:	(1) Where the application being transmitted adds subject matter the filing can be as a continuation-in-part or (2) if it is desired to can be as a continuation.	to the International Application, then to so for other reasons then the filing	
NOTE:	The deadline for entering the national phase in the U.S. for an ir in the Notice of April 28, 1987 (1079 O.G. 32 to 46) as follows:	ternational application was clarified	
"The Patent and Trademark Office considers the International application to be pending until the 22nd month from the priority date if the United States has been designated and no Demand for International Preliminary Examination has been filed prior to the expiration of the 19th month from the priority date and until the 32nd month from the priority date if a Demand for International Preliminary Examination which elected the United States of America has been filed prior to the expiration of the 19th month from the priority date, provided that a copy of the international application has been communicated to the Patent and Trademark Office within the 20 or 30 month period respectively. If a copy of the international application has not been communicated to the Patent and Trademark Office within the 20 or 30 month period respectively, the international application becomes abandoned as to the United States 20 or 30 months from the priority date respectivley. These periods have been placed in the rules as paragraph (h) of § 1.494 and paragraph (i) of § 1.495. A continuing application under 35 U.S.C. 365(c) and 120 may be filed anytime during the pendency of the international application."			
8	"The nonprovisional application designated above		
APPLIC	ATION NO(S).:	FILING DATE	
60	/ 152,193	09/02/99 "	
	/	п	

into one sentence.

Where more than one reference is made above, please combine all references

18. Relate Ba k—35 U.S.C. § 119 Pri rity Claim f r Pri r Applicati n

Th prior U.S. application(s), including any prior International Application designating the U.S., identified above in item 17B, in turn itself claim(s) f reign priority(ies) as follows:

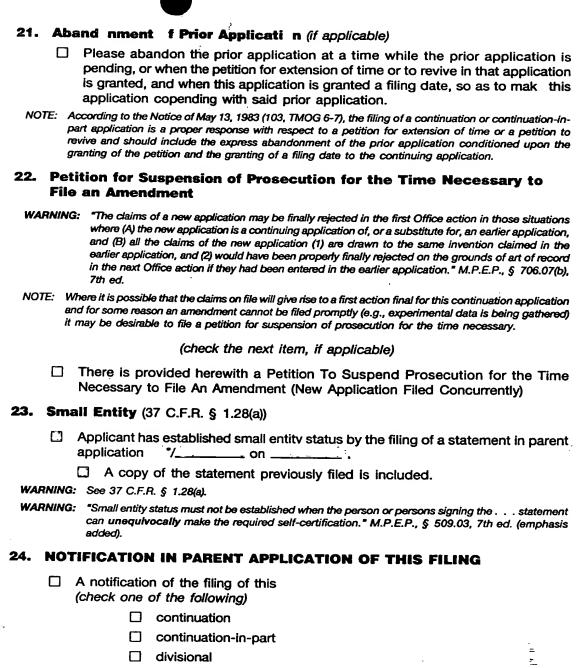
		Country	Appin. no.	Filed on	
The certified copy(ies) has (have)					
		been filed on	, in prior application () /	, which was
		is (are) attached.			
WAI	RNING	the International Bureau in application in the continuapplication communicate a U.S. serial number unlesstage is not entered. The prosecution of a continuadocuments from the folde to request transfer, retrieventer and make a record the priority documents in	e priority application that may he may not be relied on without any inuing application. This is so be set by the International Bureau is so the national stage is entered. So erefore, such certified copies maing application. An alternative wors and transfer them to the continue the folders, make suitable record such copies in the Continuing on folders of International application. Notice of April 28, 1987 (10	need to file a certified copy cause the certified copy is placed in a folder and it uch folders are disposed on y not be available if need ould be to physically remo- uing application. The reso of notations, transfer the of Application are substantia- tions that have not enter-	y of the priority of the priority is not assigned of if the national ded later in the ove the priority ources required partified copies, al. Accordingly,
19.	Ma	intenance of Coper	ndency of Prior Applic	ation	
NOTE: The PTO finds it useful if a copy of the petition filed in the prior application extending the term for response is filed with the papers constituting the filing of the continuation application. Notice of November 5, 1985 (1060 0.G. 27).					
A.		Extension of time in	prior application		
	(Thi:		eted and the papers filed set in the prior application		ation,
		A petition, fee and reuntil	sponse extends the term i	in the pending prior	application
		☐ A copy of the pe	etition filed in prior applica	ation is attached.	
B.		Conditional Petition fe	or Extension of Time in P	rior Application	
		(complete this	s item, if previous item no	t applicable)	
		A conditional petition application.	for extension of time is t	peing filed in the pe	nding prior
		☐ A copy of the co	nditional petition filed in t	he prior application	is attached.

(Added Pages for Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed [4-1.1]—page 3 of 5)

20. Further Invent rship Statement Wh re B n fit f Pri r Appli ati n() Claimed

(complete applicable item (a), (b) and/or (c) below)

(a)	図	This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor(s) in this application are				
		X	the same.			
			less than those named in the prior application. It is requested that the following inventor(s) identified for the prior application be deleted:			
			(type name(s) of inventor(s) to be deleted)			
(b)		a n	s application discloses and claims additional disclosure by amendment and ew declaration or oath is being filed. With respect to the prior application, inventor(s) in this application are			
			the same.			
			the following additional inventor(s) have been added:			
			(type name(s) of inventor(s) to be added)			
(c)		The	inventorship for all the claims in this application are			
		X	the same.			
			not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made			
			☐ is submitted.			
			□ will be submitted.			



is being filed in the parent application, from which this application claims priority under 35 U.S.C. § 120.

(Added Pages for Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed [4-1.1]—page 5 of 5)